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PCT/DE03/01636	20 May 2003 (20.05.03)	05 June 2002 (05.06.02)
International Application No.	International Filing Date	Priority Date Claimed

METHOD FOR CONSTRUCTING PATTERNS IN A LAYERED MANNERTitle of InventionEderer, Ingo and Höchsmann, RainerApplicant(s)

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicants submit this statement in accordance with their duty of disclosure under 37 CFR 1.56 and 1.97-1.98. The submission made herewith is in no way intended as an admission that the cited items constitute material prior art or otherwise would render

CERTIFICATE OF TRANSMISSION (37 C.F.R. section 1.8(a))

I hereby certify that, on the date shown below, this correspondence is being via EFS at USPTO.GOV:

Date

8-17-06

Signature

Shelley L. Ederer
(type or print name of person certifying)

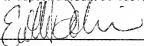
the claims unpatentable in any way. The submission also is in no way intended to substitute for the Examiner's own independent investigation.

Copies of the references together with a listing on form PTO/SB/08A and PTO/SB/08B are submitted herewith. Applicants respectfully solicit the Examiner's consideration of the cited references and entry thereof into the record of this application.

This Information Disclosure Statement is being submitted prior to the mailing of a first Office Action. No fees are believed to be due, however, if any fee is due with the filing of this paper please charge the amount to deposit account 50-1097.

Date:

August 15, 2006


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INFORMATION DISCLOSURE STATEMENT BY THE APPLICANT		Serial No.:	10/516,386
		Filing Date:	1/4/2005
		First Inventor:	Ederer et al.
		Art Unit:	1732
		Examiner:	
		Attorney Docket Number:	1156-009
Examiner's Signature		Date Considered	
Examiner's Initials	Non-Patent Literature	Publication Date MM-DD-YYYY	
	Cima et al., "Computer-derived Microstructures by 3D Printing: Bio- and Structural Materials," SFF Symposium, Austin, TX	1994	
	Copending National Phase Application, WO 02/26419 (1156-002)	04/04/2002	
	Copending National Phase Application, WO 02/26420 (1156-005)	04/04/2002	
	Copending National Phase Application, WO 02/26478 (1156-004)	04/04/2002	
	Copending National Phase Application, WO 02/28568 (1156-003)	04/11/2002	
	Copending National Phase Application, WO 02/083323, (1156-007)	10/24/2002	
	Copending National Phase Application, WO 03/086726 (1156-008)	10/17/2005	
	Copending National Phase Application, WO 03/097518 (1156-010)	6/24/2005	
	Copending National Phase Application, WO 04/112988 (1156-011)	12/8/05	
	EOS Operating Manual for Laser Sintering Machine with Brief Summary		
	Gephart, Rapid Prototyping, pages 118-119	1996	
	International Search Report, PCT/DE00/03324	06/05/2001	
	International Search Report, PCT/DE01/03661	02/28/2002	
	International Search Report, PCT/DE01/03662	03/01/2002	
	International Search Report, PCT/DE02/01103	09/30/2002	
	International Search Report, WO 04/110719 (1156-006)	1/11/2005	
	Marcus et al., Solid Freedom Fabrication Proceedings	11/1993	
	Opposition of Patent No. DE10047614	06/25/2003	
	Opposition to European Patent No. 1322458 B1	01/19/2005	
	Sachs et al., "Three-Dimensional Printing: Rapid Tooling and Prototypes Directly from a CAD Model", Massachusetts Institute of Technology, pages 143-151		
	Sachs et al., "Three-Dimensional Printing: Rapid Tooling		

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	and Prototypes Directly from a CAD Model", Massachusetts Institute of Technology, pages 131-136		
	Williams, "Feasibility Study of Investment Casting Pattern Design by Means of Three Dimensional Printing", Department of Mechanical Engineering, pages 2-15	06/05/1989	

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			Systems		
	DE 29701279	01/27/1997	EOS GmbH Electro Optical Systems		
	DE 4300478	C1 08/25/1994	EOS GmbH Electro Optical Systems		
	DE 4325573	02/02/1995	Herrmann		
	DE4400523	7/13/1995	EOS GmbH Electro Optica Systems		
	DE 4440397	09/1995	EOS GmbH Electro Optica Systems		
	DE4440397	09/21/1995	EOS GmbH Electro Optical Systems		
	EP 0361847	11/1995	3D Systems Inc.		
	EP 0688262	06/02/1999	EOS GmbH Electro Optical Systems		
	EP 0734842	08/11/1999	EOS GmbH Electro Optical Systems		
	EP 0739666	10/30/1996	General Motors Corporation		
	EP 0968 776	10/2/2002	EOS GmbH Electro Optical Systems		
	FR 2790418	09/08/2000	Allanic		
	WO 96/05038	2/22/1996	Board of Regents, The University of Texas System		
	WO 00/21736	04/2000	EOS GmbH Electro Optical Systems		
	WO 01/34371	5/17/2001	Z Corporation		
	WO 02/26419	4/4/2002	Generis GmbH		
	WO 02/26420	4/4/2002	Generis GmbH		
	WO 02/26478	4/4/2002	Generis GmbH		
	WO 02/28568	4/11/2002	Generis GmbH		
	WO 02/064353	08/22/2002	Vantico LTD		
	WO 02/083323	10/24/2002	Generis GmbH		
	WO 03/016030	02/27/2003	Vantico AG		

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	2004/0025905	A1	02/12/2004	Ederer et al.	
	2004/0026418	A1	02/12/2004	Ederer et al.	
	2004/0035542	A1	02/26/2004	Ederer et al.	
	2004/0170765	A1	09/02/2004	Ederer et al.	
	2004/0056378		3/2004	Bredt et al.	
	2005/0167872		8/2005	Ederer et al.	
	4,247,508		01/1981	Householder	
	4,279,949		07/1981	Esser & Reinhard	
	4,369,025		01/1983	Von Dcr Weid	
	4,575,330		03/1986	Hull	
	4,752,352		06/1988	Feygin	
	4,863,538		09/1989	Deckard	
	4,937,420		06/26/1990	Deckard	
	4,938,816		07/1990	Beaman et al.	
	4,944,817		07/1990	Bourell et al.	
	5,017,753		05/1991	Deckard	
	5,053,090		10/1991	Beaman et al.	
	5,076,869		12/1991	Bourell et al.	
	5,127,037		06/1992	Bynum	
	5,132,143		07/1992	Deckard	
	5,147,587		09/15/1992	Marcus et al.	
	5,155,324		10/1992	Deckard et al.	
	5,156,697		10/20/1992	Bourell et al.	
	5,182,170		01/26/1993	Marcus et al.	
	5,196,062		03/22/1994	Bourell et al.	
	5,221,539		06/1993	Pallerberg et al.	
	5,252,264		10/1993	Forderhase et al.	
	5,284,695		02/08/1994	Barlow et al.	
	5,296,062		03/1994	Bourell et al.	
	5,316,580		05/1994	Deckard	
	5,340,656		08/1994	Sachs et al.	
	5,342,919		08/1994	Dickens, Jr. et al.	
	5,352,405		10/1994	Beaman et al.	
	5,382,308		01/1995	Bourell et al.	
	5,431,967		07/11/1995	Manthiram et al.	
	5,490,962		02/1996	Cima et al.	

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	5,518,680	05/1996	Cima et al.	
	5,561,294	04/01/1997	Deckard	
	5,597,589	01/28/1997	Deckard	
	5,639,402	06/1997	Barlow et al.	
	5,647,931	07/1997	Retallick et al.	
	5,658,412	08/1997	Retallick et al.	
	5,753,274	05/1998	Wilkening et al.	
	5,807,437	09/1998	Sachs et al.	
	5,902,441	05/1999	Bredt et al.	
	5,943,235	08/1999	Earl et al.	
	5,965,170	10/1999	Matsuoka et al.	
	6,007,318	12/1999	Russell et al.	
	6,036,777	03/2000	Sachs	
	6,042,774	03/2000	Wilkening et al.	
	6,116,517	09/2000	Heinz et al.	
	6,146,567	11/14/2000	Sachs et al.	
	6,155,331	12/2000	Langer et al.	
	6,193,922	B1 02/2001	Ederer	
	6,217,816	B1 04/17/2001	Tang	
	6,258,170	7/2001	Smockh et al.	
	6,316,060	11/2001	Elvidge et al.	
	6,375,874	B1 04/2002	Russell et al.	
	6,403,002	6/2002	van der Geest, A.P.	
	6,416,850	B1 07/2002	Bredt et al.	
	6,423,255	B1 07/2002	Hoechsmann et al.	
	6,460,979	B1 10/2002	Heinzl et al.	
	6,554,600	B1 04/2003	Hofmann et al.	
	6,610,429	B1 08/2003	Bredt et al.	
	6,639,070	06/17/1997	Deckard	
	7,004,222	2/28/2006	Ederer et al.	
	DE 10047614	04/2002	Generis GmbH	
	DE 19511772	C2 09/04/1997	EOS GmbH Electro Optical Systems	
	DE19723892	9/3/1998	Hochsmann et al.	
	DE 19846478	04/27/2000	Hofmann	
	DE 29506204.5	04/10/1995	EOS GmbH Electro Optical	